MMM	MM 000	00 NNN 00 NNN 000 NNN 000 NNN	NNN NNN NNN NNN		000000000 000000000 000000000 000 000	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR
MMMM MMMM		000 NNN	NNN	III	000 000	RRR RRR
	MM 000	000 NNNNN		III	000 000	RRR RRR
	MM 000	000 NNNNN		III	000 000	RRR RRR
	MM 000	000 NNNNN		TTT	000 000	RRR RRR
	MM 000	000 NNN	NNN NNN	TTT	000 000	RRRRRRRRRRR
	MM 000	000 NNN	NNN NNN	TTT	000 000	RRRRRRRRRRR
	MM 000	000 NNN	NNN NNN	TTT	000 000	RRRRRRRRRRR
	MM 000	NNN GOO	NNNNNN	TTT	000 000	RRR RRR
	MM 000	000 NNN	NNNNNN	TTT	000 000	RRR RRR
	MM 000	000 NNN	NNNNNN	TTT	000 000	RRR RRR
MMM M	MM 000	000 NNN	NNN	TTT	000 000	RRR RRR
MMM M	MM 000	000 NNN	NNN	TTT	000 000	RRR RRR
MMM M	MM 000	000 NNN	NNN	ŤŤŤ	000 000	RRR RRR
	MM 00000000		NNN	ŤŤŤ	000000000	RRR RRR
	MM 00000000		NNN	tit	00000000	RRR RRR
	MM 0000000		NNN	ttt	000000000	RRR RRR

STEPPELL PLUS PROPERTY PROPERT

HH HH HH HH HH HH	000000 000000 00 00 00 00	MM MM MM MMM MMMM MMMM	000000 000000 00 00 00 00	GGGGGGGG GGGGGGGG GG GG
HH HH HHHHHHHHHHH HHHHHHHHHHHH HH HH HH HH HH HH HH HH	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	MM	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	GG GG GG GG GG GG GG GG GG GG GG GG GG
		\$		
		\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$		

HO

- MONITOR Homogeneous Class STATS Rtn HOMOG Table of contents 16-SEP-1984 02:05:50 VAX/VMS Macro V04-00 Page 0 DECLARATIONS FILL_HOMOG_STATS - Fill STATS buffs for homogs (2) 82 96

HOI

V03-001 TLC1061

V03-001 TLC1060

zero will not cause an **** to be displayed.

TLC1061 Thomas L. Cafarella 18-Mar Identify dual-path disks by allocation class.

Thomas L. Cafarella

Make multi-file summary work for homogeneous classes.

18-Mar-1984

12-Mar-1984

11:00

11:00

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Sy

HO

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0000 58
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- MONITOR Homogeneous Class STATS Rtn 16-SEP-1984 02:05:50 FILL_HOMOG_STATS - Fill STATS buffs for 5-SEP-1984 02:00:46
                                                                                                                                   VAX/VMS Macro V04-00
[MONTOR.SRC]HOMOG.MAR;1
                                                  .SBTTL FILL HOMOG STATS - FILL STATS buffs for homogs .PSECT $$MORCODE, NOWRT, EXE
                         96
97
98
100
101
103
104
106
107
  0000000
                                     FUNCTIONAL DESCRIPTION:
                                                  FILL_HOMOG_STATS
                                                 This routine fills all the STATS buffers for the class indicated by CDBPTR. The SCB (STATS Control Block) Table and the Element ID Table are also updated. These tables maintain information about the elements of this homogeneous class. An "element" is, for example, a particular disk in the DISK class. There is a STATS buffer for each item defined for the class. An "item" is, for example, operation count for the DISK class.
                         108
                         112
113
114
115
                                     INPUTS:
                         116
                                                    4(AP) - address of CURRENT collection buffer
                                                    8(AP) - address of PREVIOUS collection buffer
                        120
1223
1225
1226
1229
1230
1231
1336
1339
141
                                     IMPLICIT INPUTS:
                                     OUTPUTS:
                                                  All STATS buffers for this homogeneous class filled.
                                     IMPLICIT OUTPUTS:
                                                 CDB$L_ECOUNT and CDX$W_CUMELCT established for the current interval. Element ID Table and SCB (STATS Control Block) updated.
                                     ROUTINE VALUE:
                                                 RO = SS$_NORMAL
                                    SIDE EFFECTS:
                                                 none
```

Page

- MONITOR Homogeneous Class STATS Rtn	16-SEP-1984 0)2:05:50 VAX/VP	MS Macro V04-00
FILL_HOMOG_STATS - Fill STATS buffs for	r 5-SEP-1984 0)2:00:46 EMONT	DR.SRCJHOMOG.MAR;1

	- MONITOR	Homogeneous C S_STATS - Fill	lass STATS Rtn STATS buffs fo	16-SEP-1984 5-SEP-1984	02:05:50 VAX/VMS Macro V04-0 02:00:46 [MONTOR.SRC]HOMOG.	00 Page 5 MAR;1 (5)
	OFFC 0000	143 144 .ENTRY	FILL_HOMOG_STA	TS, ^M <r2,r3,r4< td=""><td>,R5,R6,R7,R8,R9,R10,R11></td><td></td></r2,r3,r4<>	,R5,R6,R7,R8,R9,R10,R11>	
56 00000000°EF 57 32 A6 58 04 AC	DO 0002 DO 0009 DO 0000	146 147 148	MOVL 4(AP)	CDX(R6),R7	; Load CDB addr ; Load CDX addr ; Load CURRENT coll buff a	addr
18 A6 OA A7	0023	150 151	MOVZWL CDXSW_ CDB\$L	SIZE,RO,R9 CUMELCT(R7), - ECOUNT(R6)	; Allocate local temp stor ; Load element count for o	rage display
58 OD 69 68	00 0023 00 0026	152 153 154	ADDL2 #MNR TO	LS\$K_HSIZE,R8 M\$L_ELTCT(R8), DBCT(R9)	- ; Point to CURR coll buff - ; Load current buffer data	prologue a block count
03 008A	12 0029 31 002B 002F	155 156 157 5\$:	BNEQ 58	_SCB_FLAGS	; Br if have some ; Else skip past ID Table	update
04 A9 58 08 20 A6	CO 002E 3C 0031	158 159 160 161 162 163 164	MOVZWL CDBSW	OMSK PSIZE,R8 BLKLEN(R6), -	; Point to first data bloc ; Get data block length	ck
08 A9 OA A7	3C 0036	161	MOVZWL CDXSW	DBLEN(R9) CUMELCT(R7), -	; Load number of ID Table	elements
5A 09 A7	9A 003B 003F	163 164	MOVZBL CDX\$B	ELIDCT(R9) ELIDLEN(R7),R10	; Get element ID length	

```
Page 6 (6)
```

```
Loop through all data blocks in the CURRENT collection buffer. For each element (represented by a data block), try to find a match in the element ID table. The ID table represents elements which have been monitored for this request. On the first time through this routine, the table will be empty. The element ID table has several other associated tables, namely the STATS control block (SCB) table, and all the transformation buffers (STATS, MIN, MAX, SUM, PCSTATS, PCMIN, PCMAX and PCSUM). Each of these tables/buffers has one element for each monitored element (i.e., disk for the DISK class). The current number of elements in each of the tables is represented by CDX$W_CUMELCT.
                                                    180
181
182
183
184
185
               OC A9
                               04
                                                                            CLRL
                                                                                           TMP$L_DBIDX(R9)
                                                                                                                                          : Clear data block index
                                                           105:
                                                                                                                                            Load Element ID Table addr
Clear "element found" indicator
Clear element ID table index
Load number of elements in ID table
Br if table is empty
Borrow R7 to hold elt id length
Branch if no allocation class in name
                    A7
A9
54
                               D0
94
04
00
13
                                                                                           CDX$A_ELIDTABLE(R7),R11 ;
TMP$B_FOUND(R9) ;
                                                                            MOVL
                                                                            CLRB
                                                                            CLRL
      55
               08
                                                                            MOVL
                                                                                           TMP$L_ELIDCT(R9),R5
                                                     186
187
188
189
                                                                                           40$
R10,R7
                                                                            BEQL
                               DO
E1
                                                                            MOVL
03 4B A6
                                                                                           #CDB$V_DISKAC, -
CDB$L_FLAGS(R6),20$
SHORTEN_DISKNAM
                                                                            BBC
                               30
                 OOAF
                                                    190
191
192
193
194
195
196
197
                                                                                                                                             Shorten element name for DISK
                                                                            BSBW
                                                            20$:
                              29
12
90
11
                     57
06
01
07
           68
                                                                            CMPC3
                                                                                           R7, (R8), (R11)
                                                                                                                                             Match current element in table ?
                                                                            BNEQU
                                                                                           30$
                                                                                                                                             Br if not
      10 A9
                                                                            MOVB
                                                                                           #1, TMP$B_FOUND(R9)
                                                                                                                                             Yes -- indicate so
                                                                            BRB
                                                                                                                                             ... and terminate loop
                                                           30$:
     ED 54
                                                                            ADDLZ
                                                                                          R10,R11
R5,R4,20$
                                                                                                                                             Point to next element ID
                                                                            AOBLSS
                                                                                                                                          ; Loop through element ID table
                                                               At this point the entire element ID table has been scanned for a
                                                               match to the current element in the CURRENT collection buffer.
                                                            405:
              32 A6
10 A9
0A A7
                               D0
E8
30
                                                                                           CDB$A_CDX(R6),R7
TMP$B_FOUND(R9),50$
                                                                                                                                             Re-load CDX addr
Branch if element found in table
                                                                            MOVL
         06
                                                                            BLBS
                                                                            MOVZWL
                                                                                          CDX$W_CUMELCT(R7),R4
                                                                                                                                          ; Get next available element index
                                       007B
                                                               NOTE -- if R4 is greater than or equal to MAXELTS, issue warning msg
                                                               and simply branch to look at next coll buff data block.
                                       007B
                                       007B
                               10
                                                                           BSBB
                                                                                                                                            NOTE -- if so, MONITOR request
                                                                                           CHECK_TAB_SPACE
                                       007D
                                                                                                                                          : ... is terminated
                                                            50$:
                                                                                           #SCB$K_SIZE,R4,R5; Get SCB offset from aCDX$A_SCBTABLE(R7)[R5],R5; Get SCB address
           54 03
10 B745
                                                                            MULL3
                                                                                                                                            Get SCB offset from index
                                                                            MOVAB
```

MF

- MONITOR Homogeneous Class STATS Rtn 16-SEP-1984 02:05:50 VAX/VMS Macro V04-00 FILL_HOMOG_STATS - Fill STATS buffs for 5-SEP-1984 02:00:46 [MONTOR.SRC]HOMOG.MAR;1 Page (6) 223 224 225 226 60\$: ; Set "current" bit indicating this ; element in ID table was in CURR buff 00 BBSS #SCB\$V_CURRENT, -SCB\$B_FLAGS(R5),60\$

05 10 A9 E8 TMP\$B_FOUND(R9),70\$; Branch if element found in table BLBS

HOMOG V04-000

00 02 A5

And the second second second	HOMOG V04-000	- MONITOR Homogeneo	us Class STATS Rtn 16-SEP-1984 02:05:50 VAX/VMS Macro V04-00 Page 8 Fill STATS buffs for 5-SEP-1984 02:00:46 [MONTOR.SRC]HOMOG.MAR;1 (7)
		008F 229 ; E 008F 230 ; E 008F 231 ; A	lement in CURRENT buffer was NOT found in the element ID table.
	0068	30 008F 233	BSBW ADD_NEW_ELT ; Add_elt to table .
	18	11 0092 235	BRB 80\$; NOTE several registers altered ; Go look at next coll buff data block
		0094 240 :	lement in CURRENT was found in the element ID table.
And the second second	65 SB 65 0C A9	0094 241 0094 242 70\$ 0094 243 3C 0094 244 B0 0097 245 009B 246	MOVZWL SCB\$W_DBIDX(R5),R11 ; Get data block index for prev buff MOVW TMP\$L_DBIDX(R9),SCB\$W_DBIDX(R5) ; Save curr index for next int
	OF 02 A5 01	E1 009B 247 00A0 248 00A0 249	BBC #SCB\$V_ACTIVE - ; Done with this elt if not active SCB\$B_FLAGS(R5),80\$
		00A0 250; 00A0 251; T 00A0 252; g 00A0 253; d	his element is active. Call routine to actually fill the STATS buffers, iven the element ID table index and the addresses of this element's ata blocks for both CURRENT and PREVIOUS collection buffers.
	5B 04 A9 52 08 AC 5B 15 A24B	00A0 255 C4 00A0 256 D0 00A4 257 9E 00A8 258 00AD 259 00AD 260 10 00AD 261 00AF 262 00AF 263	MULL2 TMP\$L_DBLEN(R9),R11 ; Get data block offset from index MOVL 8(AP),R2 ; Get ptr to PREVIOUS coll buff MOVAB <mnr_cls\$k_hsize+mnr_hom\$k_psize>(R2)[R11],R11 ; Compute PREVIOUS data block addr</mnr_cls\$k_hsize+mnr_hom\$k_psize>
	60		BSBB HOMOG_STATS : Fill STATS buffs for all req'd items : NOTE this subrtn destroys : RO-R3 and R5
	58 04 A9	00AF 266 CO 00AF 267	ADDL2 TMP\$L_DBLEN(R9),R8 ; Point to next data block
	8A OC A9 69	00AF 264 00AF 265 80\$ 00AF 266 00AF 267 00B3 268 F2 00B3 269 00B8 270 00B8 271 00B8 272	AOBLSS TMP\$L_DBCT(R9), - ; Loop once for each elt in CURR buff TMP\$L_DBIDX(R9),10\$
		0000 272	

50

00000000'8F

D0 04

#SS\$_NORMAL,RO

; Normal status

: Return

MOVL

RET

(8)

1111111111

: Go to common return

BRB

HOMOG VO4-000					FILL	ONITOR Homogeneous L_HOMOG_STATS - F	ILL STATS	ATS Rtn 16-SEP-1984 buffs for 5-SEP-1984	02:05:50 VAX/VMS Macro V04-00 Page 12 02:00:46 [MONTOR.SRC]HOMOG.MAR;1 (12)
		52 53	58 5B	5A 5A 55	C1 C1 D4	0137 392 20\$: 0137 393 013B 394 013F 395 0141 396	ADDL3 ADDL3 CLRL	R10,R8,R2 R10,R11,R3 R5	; Point to 1st item in CURR data block ; Point to 1st item in PREV data block ; Init index to MBP pointers
						0141 397 : Use 0141 398 : Use 0141 399 : Who	FFS inst	ruction to scan the its number is found, comp	em number bits in the CDX ute the STATS value for the item.
			51	10 50	D0 04	0141 402 0144 403 0146 404 30\$:	MOVL	#CDX\$S_IBITS,R1	; Init bit field size ; Init start position
	59	67	51	50	EA	0146 405	FFS	RO,R1,CDX\$W_IBITS(R7),R9 ; Search for next item number ; R9 contains item number if found
				0E	13	014B 407	BEQL	40\$: Branch if none found
				11	10	0144 403 0146 404 30\$: 0146 405 014B 406 014B 407 014D 408 014D 409 014F 410 014F 411	BSBB	STORE_STATS	; Go store stats for item in R9 ; NOTE this subrtn destroys R10
				55	D6	014F 412 0151 413	INCL	R5	; Index to next sequential MBP ptr
		50 51	59 10	01 50 EB	C1 C3 11	0151 414 0155 415 0159 416 0158 417 40\$:	ADDL3 SUBL3 BRB	#1,R9,R0 R0,#CDX\$S_IBITS,R1 30\$	<pre>; Compute next starting ; position and field size ; Go search rest of bit string</pre>
			0600	8F	BA 05	015B 41B 015B 419 015F 420 0160 421 0160 422	POPR RSB	#^M <r9,r10></r9,r10>	; Restore regs ; Return
						0160 422 0160 423 STORE 0160 424	_STATS:		
	5A 0	000'8	2E B		9A C4 9E B1 12 D0 C3	0160 424 0160 425 0165 426 0168 427 0170 428 0176 429 0178 430 017D 431 0185 432 0185 433 0187 434 0189 435 10\$: 0189 436 018E 438 0194 439 30\$:	MOVZBL MULL2 MOVAB CMPW BNEQ MOVL SUBL3	#IDB\$K_ILENGTH,R10 PERFTABLE[R10],R10 IDB\$W_TYPE(R10),#COUNTO	: No assume level type 51.R10 : Get MBP pointer
				0D 05	18	0185 432	BGEQ BRB	30\$ 20\$; Br if difference OK
		5A	2E B		DO	0189 435 108:			; Ctr was re-init'ed; treat like level
		08 BA		249	DO	018E 437 20\$:	MOVL		5],R10; Get MBP pointer S(P10)[P4]: Store STATS for this level item
		JU DA		,	05	0194 439 30\$: 0194 440	RSB	WELLEN TO WHOLAN STATE	S(R10)[R4]; Store STATS for this level item ; Return

HOMOG Symbol table	- MONITOR	Homogeneous	Class STATS Rtn	6-SEP-1984 02:05 5-SEP-1984 02:00	50 VAX/VMS 46 EMONTOR	Macro V04-00 SRCJHOMOG.MAR;1	Page (
ADD_NEW_ELT	= 000000FA	R 02	CDB\$V_PERCENT CDB\$V_QFILLER CDB\$V_STD CDB\$V_SWAPBUF CDB\$V_SYSCLS CDB\$V_UNIFORM		00000000 00000002 00000001 00000008 00000002 00000008 00000020 00000020 00000036 00000049		
ALL_STAT	= 00000000		CDB\$V_QFILLER	:	00000002		
DB	= 00000000		CDB\$V_SWAPBUF		00000001		
DB\$A_BUFFERS DB\$A_CDX	= 0000002E = 00000032		CDB\$V_SYSCLS	:	80000000		
DB\$A_CHDHDR DB\$A_FAOCTR DB\$A_ITMSTR DB\$A_POSTCOLL DB\$A_PRECOLL DB\$A_SUMBUF DB\$A_TITLE DB\$B_FAOPRELEN	= 00000000 = 000000000 = 00000032 = 00000004F = 00000001C = 00000026 = 000000022 = 000000000000000000000000000000000000		CDBSV_WIDE		0000000B		
DB\$A_FAUCTR DR\$A_ITMSTR	= 00000004		CDB\$W_BLKLEN CDB\$W_DISPCTL CDB\$W_QFLAGS CDB\$W_QFLAGS_CUI CDB\$W_QFLAGS_DEI CDBPTR CDB_EXT CDX\$A_DISPFAO CDX\$A_DISPNAM CDX\$A_ELIDTABLE CDX\$A_ILOOKTAB CDX\$A_SCRTABLE	:	00000020		
DB\$A_POSTCOLL	= 00000026		CDB\$W_QFLAGS	:	00000045		
DB\$A_PRECOLL	= 00000022		CDB\$W_QFLAGS_CUI		00000049		
DB\$A_TITLE	= 00000010		COBPTR COBPTR		00000011	x 02	
DB\$B_FAOPRELEN DB\$B_FAOSEGLEN	= 00000041 = 00000040		CDB_EXT		00000000 00000020 00000028 000000000 00000010 00000018 00000009 00000007 00000008 00000008 000000010 00000010 00000010 00000010 00000010		
DRSR ST	- 000000073		CDXSA DISPNAM	:	00000026		
DB\$B_ST_CUR	= 00000042 = 00000043 = 00000053 = 00000018 = 00000000 = 00000048 = 00000014 = 00000038		CDX\$A_ELIDTABLE		000000c		
DB\$B_ST_CUR DB\$B_ST_DEF DB\$K_SIZE DB\$L_BUFFERS	= 00000043		CDXSA_ILOOKTAB	:	00000024		
B\$L_BUFFERS	= 0000002A		CDX\$A_SCBTABLE CDX\$A_SCBTABLE CDX\$A_SELIDTABLE CDX\$B_ELIDLEN CDX\$B_IDISCONSE CDX\$B_IDISCT CDX\$B_IDISINDEX CDX\$K_SIZE CDX\$L_DCOUNT CDX\$L_PREV_DCT CDX\$L_SELIDTABLE CDX\$S_CDB_EXT CDX\$S_IBITS		00000018		
DB\$L_ECOUNT DB\$L_FAOCTR DB\$L_FLAGS DB\$L_ICOUNT DB\$L_MIN	= 00000018		CDX\$B_ELIDLEN		00000009		
B\$L_FLAGS	= 0000004B		CDX\$B_IDISCT		00000006		
DB\$L_ICOUNT	= 00000014		CDX\$B_IDISINDEX		80000000		
DB\$L_RANGE	= 00000036		CDX\$K_SIZE		00000030		
DB\$L_SUMBUF	= 00000008		CDX\$L_PREV_DCT		00000020		
DB\$M_CPU_COMB	= 00000002 = 0000008		CDXSL_SELIDTABLE		00000014		
DBSM_CTPRES	= 00000001		CDX\$S_IBITS	=	00000010		
DB\$M_DISABLE DB\$M_DISKAC	= 00000001 = 00000200 = 0000040		CDX\$W_CUMELCT		0000000A 00000000		
DB\$M_DISKVN	= 00000080		CDX\$W_IBITS_CUR	=	00000004		
DB\$M_EXPLIC DB\$M_HOMOG	= 00001000		CDX\$W_IBITS_DEF		00000002 000000E8 R		
DBSM KUNITS	= 00000020		CLASS HDR		00000000	02	
DBSM_PERCENT	= 00000001		COUNT TYPE		******	(02	
DB\$M_STD DB\$M_SWAPBUF	= 00000010		CUR STAT		00000001 0000000C		
DB\$M_SYSCLS	= 00000002 = 00000100		DEF\$A_REC	=	00000004		
DB\$M_UNIFORM DB\$M_WIDE	= 00000004		CDX\$S_IBITS CDX\$W_CUMELCT CDX\$W_IBITS CDX\$W_IBITS_CUR CDX\$W_IBITS_DEF CHECK_TAB_SPACE CLASS_HDR COUNT_TYPE CUR_STAT DEF\$A_DISP DEF\$A_REC DEF\$A_SUMM DEF\$L_DISP DEF\$L_REC		00000014		
DB\$S_CDB DB\$S_FILLER	= 00000053		DEF\$L_REC		00000000		
DB\$S_FILLER	= 00000013		DEF\$L_SUMM		00000010		
DB\$S_QFILLER	= 0000000¢		DEF DESC		00000000		
DB\$S_QFLAGS	= 00000002		FHS_RET		000000E0 R	02	
DBSV CPU COMB	= 00000001		FILE HOMOG STATE		00000000 PG	02	
DB\$S_FLAGS DB\$S_QFILLER DB\$S_QFLAGS DB\$V_CPU DB\$V_CPU_COMB DB\$V_CTPRES	= 00000000		DEF\$L_REC DEF\$L_SUMM DEF\$S_DEF_DESC DEF_DESC FHS_RET FILE_HDR FILL_HOMOG_STATS HOMOG_STATS		0000011B R	02 02	
DB\$V_DISABLE DB\$V_DISKAC	= 00000100 = 00000004 = 00000053 = 00000013 = 00000004 = 000000002 = 00000001 = 000000001 = 000000000000000000000000000000000000		HOM_CEASS_PRE		00000008 00000000 00000010 00000000 00000000		
DB\$V_DISKVN			IDB\$A_ADDR		0000000C		
DB\$V_EXPLIC	= 00000000		IDB\$A LNAME		00000004		
DB\$V_FILLER DB\$V_HOMOG	= 00000007 = 00000000 = 00000000 = 00000005 = 0000000A		IDB\$A_SNAME IDB\$B_FLAGS		00000000 00000000 00000010		
DB\$V_KUNITS	= 0000000A		IDB\$K_ILENGTH		00000011		

MF

IDBSM_PCNT	HOMOG Symbol table
HBPSA	IDBSW-TSIZE IDBSW-TYPE MAXELTS MAXESTAT MBPSA-BDR MBPSA-BIST MBPSA-BUFFA MBPSA-BUFFA MBPSA-BUFFERA MBPSA-BUFFERA MBPSA-BUFFERB MBPSA-DIFF MBPSA-MAX MBPSA-DIFF MBPSA-MAX MBPSA-PCSTATS M

MF

HOMOG Symbol table		Homogeneous	Class STATS Rtn 16-SEP-1984 5-SEP-1984	02:05:50 VAX/VMS 02:00:46 EMONTOR.	Macro V04-00 SRCJHOMOG.MAR;1	Page 15 (12
MNR SYISL CPUTYPE MNR SYISL MPWHILIM MNR SYISS BOOTTIME MNR SYISS FILLER MNR SYISS FILLER MNR SYISS FILLER MNR SYISS NODENAME MNR SYISS TODENAME MNR SYISS TODENAME MNR SYISS TODENAME MNR SYISS FILLER MNR SYISV FILLER MNR SYISW FLAGS MNR SYISW MAXPRCCT PERFTABLE PROCESS CLASS PROCESS	= 00000026 = 00000008 = 000000008 = 000000000000000000000000000000000000	x 02	QUAL\$L_MAX QUAL\$L_PCENT QUAL\$L_PCENT QUAL\$L_PCENT QUAL\$L_TOPB QUAL\$L_TOPD QUAL\$L_TOPD QUAL\$L_TOPF QUAL\$L_TOPF QUAL\$S_QUALIFIER_DESC QUALIFIER_DESC REG_PROC SCB\$B_FLAGS SCB\$S_FLAGS SCB\$S_FLAGS SCB\$S_FLAGS SCB\$S_FLAGS SCB\$S_FLAGS SCB\$S_FLAGS SCB\$V_ACTIVE SCB\$V_CURRENT SCB\$V_CURRENT SCB\$V_CURRENT SCB\$V_FILLER SCB\$V_BIDX SHORTEN_DISKNAM SS\$_NORMAL STATS STATS_BLOCK STORE_STATS SYS_INFO TEMP_1_BLOCK TMP\$B_FOUND TMP\$K_SIZE TMP\$L_DBLEN TMP\$L_DBLEN TMP\$L_DBLEN TMP\$L_DBLEN TMP\$L_DBLEN TMP\$L_BLIDCT TMP\$S_TEMP_1_BLOCK TOPD_PROC TOPC_PROC TOPC_PROC TOPC_PROC TOPF_PROC UPDATE_SCB_FLAGS	= 00000080 = 00000078 = 00000080 = 00000040 = 00000090 = 000000000 = 0000000000000000000000	02 02	

MI V

VC

Macro Library name Macros defined \$255\$DUA28:[MONTOR ORIZMONI IR MIR:1 7

_\$255\$DUA28:[MONTOR.OBJ]MONLIB.MLB;1 7
\$255\$DUA28:[SYS.OBJ]LIB.MLB;1 0
\$255\$DUA28:[SYSLIB]STARLET.MLB;2 0
TOTALS (all libraries) 7

327 GETS were required to define 7 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:HOMOG/OBJ=OBJ\$:HOMOG MSRC\$:HOMOG/UPDATE=(ENH\$:HOMOG)+EXECML\$/LIB+LIB\$:MONLIB/LIB

0240 AH-BT13A-SE

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